Atty Docket No. 015389-002943US

PTO FAX NO.:

703-872-9306

ATTENTION:

Examiner

TELEPHONE NO.: 703-872-9305

Group Art Unit 1646

OFFICIAL COMMUNICATION

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EXAMINER

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following document(s) in re Application of Cech et al., Application No. 09/843,676, filed April 26, 2001 for NOVEL TELOMERASE is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Document(s) Attached

- 1. Fee Transmittal
- 2. Preliminary Amendment

Number of pages being transmitted, including this page: 5

Dated: December 17, 2001

Kathy Johnston

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Complete If Known **FEE TRANSMITTAL** 09/843,676 Application Number for FY 2001 April 26, 2001 Filing Date First Named Inventor Cech, Thomas R. Patent fees are subject to ennual revision. Examiner Name Not yet assigned Group Art Unit TOTAL AMOUNT OF PAYMENT (\$) 0 015389-002943US Attorney Docket No. METHOD OF PAYMENT FEE GALCULATION (continued) The Commissioner is hereby authorized to charge 3. ADDITIONAL FEES × 1. indicated fees and credit any over payments to: Entity Small Entity Fee Fee Fee Deposit Fee Description Code (5) Code (5) 20-1430 Pald Account 105 205 130 65 Surcharge - late filing fee or oath Number 127 50 227 25 Surcharge - late provisional filing fee Doposil or cover sheet. Townsend and Townsend and Crew LLP 139 130 139 130 Non-English specification Name 147 2,520 147 2.520 For filing a request for reexamination Chargo Any Additional Fee Required Under 37 CFR 1.16 and 1.17 112 920 112 9201 Requesting publication of SIR prior to Examiner action Applicant daims small ontity status. 113 Requesting publication of SIR after 1,840 113 1,840* See 37 CFR 1.27 Examiner action Payment Enclosed: 215 55 Extension for raply within first month 116 400 216 200 Extension for reply within second ☐ Check ☐ Credit card ☐ Money □ Other month Orde 117 920 217 460 Extension for roply within third month FEE CALCULATION 118 Extension (or reply within fourth 1,440 218 720 BASIC FILING FEE 128 228 Entity \$m±∏ 1,960 980 Extansion for roply within fifth month Large Entity 119 320 218 160 Féé Description Notice of Appeal Code (5) Code (\$) Fee Paid 120 320 220 160 Filing a brief in support of an appeal 101 740 201 370 Utility filing fee Request for oral hearing 121 280 221 140 109 330 206 165 Design filling fee Petition to institute a public use 139 1.510 138 1,510 107 207 255 510 Plant fling fee procooding 108 208 370 140 740 110 240 65 Reissuo filing fee Petition to revive - unavoldable 114 160 214 80 Provisional filling fee 141 1,260 241 640 Petition to revive - unintentional 142 242 1,290 640 Utility Issue fee (or reissue) SUBTOTAL (1) **(\$)** 143 460 243 Design lesue fee 144 620 244 310 Plant Issue fee 2, EXTRA CLAIM FEES 122 130 122 130 Petitions to the Commissioner Exte Fee from Claims Petitions related to provisional 123 50 123 50 Total Claims 12 0 \$18 80 **applications** Independent Submission of Information Disclosure 126 180 126 180 3 0 \$84 = \$0 Stmt Recording each patent essignment Multiple Dependent 581 40 581 40 per property (times number of properties) Entity Large Small Entitly 146 740 246 370 Filing a submission after finel rejection (37 CFR § 1.129(a)) Fee (\$) Fos Code Fee Description Code (\$) 143 370 740 248 For each additional invention to be 103 1R 203 Claims in excess of 20 examined (37 CFR § 1.129(b)) 102 84 202 42 independent claims in excess of 3 179 740 279 370 Request for Continued Examination (RCE) 104 280 204 Multiple dependent claim, if not paid 140 Teissue indépéndent claims over 169 800 169 900 Request for expedited examination 109 84 209 42 of a design application original patent Relssue claims in excess of 20 and Other foc (sporify) 110 18 210 éver original patent The Commissioner is authorized to charge any additional fees to SUBTOTAL (2) the above noted Deposit Account. 'Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) "or number previously paid, if greater; For Reissues, see above

SUBMITTED BY Complexe (if applicable)						
Name (Print/Type)	Hugh Wang	Registration No_(Attorney/Agent)	47,163	Твіерізаце	650-326-2400	
Signature	d [#]	Utters	_	Date	Documber 17, 2001	

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PATENT 015389-00294315 018/18/C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Cech et al.

Application No.: 09/843,676

Filed: April 26, 2001

For: NOVEL TELOMERASE

Art Unit:

1646

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks.

IN THE CLAIMS

Please cancel claims 1-20 without prejudice to subsequent renewal or future prosecution.

Please add new claims 21-32 as follows.

21. A polypeptide containing at least 10 consecutive amino acids of the sequence provided in SEQ. ID NO:225.

- 22. The polypeptide of claim 21, containing an amino acid sequence selected from the group consisting of SEQ. ID NO:112, SEQ. ID NO:113, SEQ. ID NO:114, SEQ. ID NO:15, SEQ. ID NO:116, and SEQ. ID NO:117.
- 23. The polypeptide of claim 21, which does not retain the telomerase catalytic activity of native human telomerase reverse transcriptase.

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